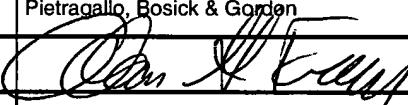


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 <small>(Not used for all correspondence after initial filing)</small>		Application Number 10/674,154
		Filing Date September 29, 2003
		First Named Inventor Felix Anthony Perriello
		Art Unit 1724
		Examiner Name Chester T. Barry
Total Number of Pages in This Submission		Attorney Docket Number GLOB 63966

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Supplemental Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <ul style="list-style-type: none"> <li>- Response to Restriction Requirement</li> <li>- Form PTO/SB/08A</li> <li>- Form PTO/SB/08B</li> <li>- 6 documents</li> <li>- return postcard</li> </ul>
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm Name	Pietragallo, Bosick & Gordon	
Signature		
Printed name	Alan G. Towner	
Date	July 18, 2005	Reg. No. 32,949

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature			
Typed or printed name	Alan G. Towner	Date	July 18, 2005

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/674,154 Confirmation No. 1902  
Applicant : Felix Anthony Perriello  
Filed : September 29, 2003  
Title : METHODS AND APPARATUS FOR TREATING  
AGRICULTURAL WASTE AND PRODUCING  
PLANT GROWTH-ENHANCING MATERIAL  
Art Unit : 1724  
Examiner : Chester T. Barry  
  
Docket No. : GLOB 63966  
Customer No. : 29694

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

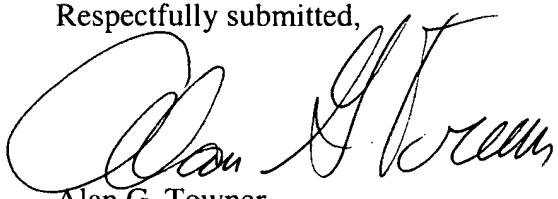
July 18, 2005

Sir:

Pursuant to the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant submits the attached Forms PTO/SB/08A and PTO/SB/08B for consideration of the cited documents during prosecution of the subject application. Copies of most of the cited documents can be found in the files corresponding to Serial No. 10/400,963, filed March 27, 2003 and Serial No. 10/282,891, filed October 29, 2002, which are relied upon under 35 U.S.C. § 120. Since the present application claims priority from the 10/400,963 and 10/282,891 applications, copies of such cited documents are not submitted with this Statement. Copies of the non-U.S. patent documents which were not cited in the 10/400,963 and 10/282,891 applications are enclosed herewith. If it would facilitate prosecution of this application, Applicant would be willing to submit copies of the non-U.S. patent documents upon request by the Examiner.

This Statement is filed solely for the purpose of complying with the pertinent rules of the Office and is not intended to be a substitute for an independent evaluation by the Examiner of the art cited or an independent search by the Examiner, and no representation of any nature is made or intended by the filing of this Statement.

Respectfully submitted,



Alan G. Towner  
Registration No. 32,949  
Pietragallo, Bosick & Gordon  
One Oxford Centre, 38th Floor  
301 Grant Street  
Pittsburgh, PA 15219  
Attorney for Applicant

(412) 263-4340

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

Sheet

1

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**Complete if Known**

Application Number	10/674,154
Filing Date	September 29, 2003
First Named Inventor	Felix A. Perriello
Art Unit	1724
Examiner Name	Chester T. Barry
Attorney Docket Number	GLOB 63966

of 6

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 2,474,833	07-05-1949	Eweson	
		US- 2,947,619	08-02-1960	Gorby	
		US- 2,969,279	01-24-1961	Pierson	
		US- 3,138,448	06-23-1964	Schulze	
		US- 3,183,171	05-11-1965	Schreiner	
		US- 3,184,891	05-25-1965	Frantzen	
		US- 3,185,117	05-25-1965	Frantzen	
		US- 3,198,620	08-03-1965	Larson	
		US- 3,235,369	02-15-1966	Eweson	
		US- 3,242,071	03-22-1966	Walker	
		US- 3,361,555	01-02-1968	Herschler	
		US- 3,372,658	03-12-1968	Ammann	
		US- 3,474,001	10-21-1969	Leavitt	
		US- 3,550,319	12-29-1970	Gaines Jr.	
		US- 3,616,216	10-26-1971	Wegner	
		US- 3,661,549	05-09-1972	Freytag et al.	
		US- 3,741,393	06-26-1973	Estes et al.	
		US- 3,756,784	09-04-1973	Pittwood	
		US- 3,794,582	02-26-1974	Lackme et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		EP 0098138	01-11-1984	Exxon Research&Engin'ring		
		DE 4142063	12-19-1991	Wisstrans Umwelt GmbH		
		DE 4203830	08-1993	Kneer Franz		
		JP 07050955	02-1995	Nagaura		
		WO 9719036	05-1997	Helsinki Univ.		
		JP 10306003	11-1998	Yazawa et al.		

Examiner Signature		Date Considered
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

2

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6

**Complete if Known**

Application Number	10/674,154
Filing Date	September 29, 2003
First Named Inventor	Felix A. Perriello
Art Unit	1724
Examiner Name	Chester T. Barry

Attorney Docket Number GLOB 63966

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		Number-Kind Code <sup>2</sup> ( <i>if known</i> )			
		US- 3,813,290	05-28-1974	Heilweil et al.	
		US- 3,824,092	07-16-1974	Wikstrom et al.	
		US- 3,846,290	11-05-1974	Raymond	
		US- 3,969,446	07-13-1976	Franklin Jr.	
		US- 4,033,763	07-05-1977	Markels Jr.	
		US- 4,111,808	09-05-1978	Fair	
		US- 4,119,429	10-10-1978	Lovness	
		US- 4,249,929	02-10-1981	Kneer	
		US- 4,321,142	03-23-1982	Starr	
		US- 4,328,175	05-04-1982	Roeckel et al.	
		US- 4,385,121	05-24-1983	Knowlton	
		US- 4,454,077	06-12-1984	Litz	
		US- 4,522,723	06-11-1985	Kaufmann et al.	
		US- RE 31,924	06-25-1985	Starr	
		US- 4,529,701	07-16-1985	Seely	
		US- 4,645,603	09-22-1987	Frankl	
		US- 4,695,378	09-22-1987	Ackman et al.	
		US- 4,713,343	12-15-1987	Wilson Jr. et al.	
		US- RE 32,562	12-15-1987	Litz	

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> ( <i>if known</i> )				
		DE 19857870	06-2000	Res & Dev Renewable		
		WO 03/037066	05-08-2003	Perriello et al.		
		WO 03/053143	07-2003	Perriello		

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Date Considered

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Sheet 3 of 6**Complete if Known**

Application Number	10/674,154
Filing Date	September 29, 2003
First Named Inventor	Felix A. Perriello
Art Unit	1724
Examiner Name	Chester T. Barry

Attorney Docket Number GLOB 63966**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 4,737,289	04-12-1988	Castaldi et al.	
		US- 4,789,478	12-06-1988	Revis et al.	
		US- 4,790,940	12-13-1988	Castaldi et al.	
		US- 4,906,454	03-06-1990	Melanson et al.	
		US- 4,956,080	09-11-1990	Josefik	
		US- 5,006,250	04-09-1991	Roberts et al.	
		US- 5,037,551	08-06-1991	Barkley et al.	
		US- 5,038,715	08-13-1991	Fahs II	
		US- 5,057,221	10-15-1991	Bryant et al.	
		US- 5,061,406	10-29-1991	Cheng	
		US- 5,062,956	11-05-1991	Lupton et al.	
		US- 5,073,309	12-17-1991	Bousquet et al.	
		US- 5,082,652	01-21-1992	Mayfield et al.	
		US- 5,085,809	09-04-1992	Stirling	
		US- 5,147,441	09-15-1992	Megeed	
		US- 5,169,532	12-08-1992	Whitlock	
		US- 5,192,354	03-09-1993	Drysdale et al.	
		US- 5,266,096	11-30-1993	Slavensky	
		US- 5,277,815	01-11-1994	Beeman	

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Sheet

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6

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Application Number	10/674,154
Filing Date	September 29, 2003
First Named Inventor	Felix A. Perriello
Art Unit	1724
Examiner Name	Chester T. Barry
Attorney Docket Number	GLOB 63966

U. S. PATENT DOCUMENTS					
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		Number-Kind Code <sup>2</sup> ( <i>if known</i> )	MM-DD-YYYY		
		US- 5,302,179	04-12-1994	Wagner	
		US- 5,302,286	04-12-1994	Semprini et al.	
		US- 5,314,076	05-24-1994	La Place et al.	
		US- 5,316,940	05-31-1994	Georgiou et al.	
		US- 5,326,703	07-05-1994	Hazen et al.	
		US- 5,337,820	08-16-1994	Jenneman et al.	
		US- 5,342,769	08-30-1994	Hunter et al.	
		US- 5,354,688	10-11-1994	Francis et al.	
		US- 5,384,048	01-24-1995	Hazen et al.	
		US- 5,397,481	03-14-1995	Mattus	
		US- 5,441,885	08-15-1995	Goldberg et al.	
		US- 5,441,887	08-15-1995	Hanson et al.	
		US- 5,494,576	02-27-1996	Hoppe et al.	
		US- 5,512,479	04-30-1996	Steffan	
		US- 5,525,239	06-11-1996	Duske	
		US- 5,529,693	06-25-1996	Yano et al.	
		US- 5,538,529	07-23-1996	Northrop	
		US- 5,651,890	07-29-1997	Trost	
		US- 5,660,730	08-26-1997	Lucchese et al.	

## FOREIGN PATENT DOCUMENTS

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Sheet **5** of **6****Complete if Known**

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Filing Date	September 29, 2003
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Examiner Name	Chester T. Barry

Attorney Docket Number **GLOB 63966****U. S. PATENT DOCUMENTS**

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		US- 5,678,632	10-21-1997	Moses et al.	
		US- 5,697,186	12-16-1997	Neyra et al.	
		US- 5,733,067	03-31-1998	Hunt et al.	
		US- 5,733,355	03-31-1998	Hibino et al.	
		US- 5,738,703	04-14-1998	Bandurski	
		US- 5,755,852	05-26-1998	Northrop	
		US- 5,755,858	05-26-1998	Barnett	
		US- 5,789,236	08-04-1998	Jenneman	
		US- 5,802,996	09-08-1998	Baxter	
		US- 5,814,514	09-29-1998	Steffan et al.	
		US- 5,820,759	10-13-1998	Stewart et al.	
		US- 5,833,855	11-10-1998	Saunders	
		US- 5,916,491	06-29-1999	Hills	
		US- 5,925,290	07-20-1999	Hills	
		US- 5,951,978	09-14-1999	Red'kina	
		US- 6,039,874	03-21-2000	Teran et al.	
		US- 6,105,309	08-22-2000	Takayanagi	
		US- 6,183,644	02-06-2001	Adams et al.	
		US- 6,194,193	02-27-2001	Drahos et al.	

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> ( <i>if known</i> )				

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of

6

Application Number

10/674,154

Filing Date

September 29, 2003

First Named Inventor

Felix A. Perriello

Art Unit

1724

Examiner Name

Chester T. Barry

Attorney Docket Number

GLOB 63966

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)	MM-DD-YYYY		
		US- 6,194,197	02-27-2001	Hyman et al.	
		US- 6,200,475	03-13-2001	Chen	
		US- 6,217,766	04-17-2001	Stetter et al.	
		US- 6,303,366	10-16-2001	Steffan et al.	
		US- 6,306,302	10-23-2001	Maree et al.	
		US- 6,322,700	11-27-2001	Suthersan	
		US- 6,361,694	03-26-2002	Trost	
		US- 6,383,388	05-07-2002	Krauter et al.	
		US- 6,391,209	05-21-2002	Belongia et al.	
		US- 6,461,510	10-08-2002	Boles et al.	
		US- 6,474,264	11-05-2002	Grimberg et al.	
		US- 2004/0050764	03-18-2004	Perriello	
		US- 2004/0124137	07-01-2004	Perriello	
		US- 6,848,212	02-01-2005	Layzell et al.	
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## FOREIGN PATENT DOCUMENTS

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				First Named Inventor	Felix A. Perriello
				Group Art Unit	1724
				Examiner Name	Chester T. Barry
Sheet	1	of	10	Attorney Docket Number	GLOB 63966

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		WILSON ET AL., "Biodegradation of Trichloroethylene in Soil," <i>Applied and Environmental Microbiology</i> , January, 1985; p.242-243, Vol. 49, No. 1.	
		NELSON ET AL., "Aerobic Metabolism of Trichloroethylene by a Bacterial Isolate," <i>Applied and Environmental Microbiology</i> , August 1986, p. 383-384, Vol. 52.	
		LITTLE ET AL., "Trichloroethylene Biodegradation by a Methane-Oxidizing Bacterium," <i>Applied and Environmental Microbiology</i> , April 1988, p. 951-956, Vol. 54.	
		ARCIERO ET AL. "Degradation of Trichloroethylene by the Ammonia-Oxidizing Bacterium <i>Nitrosomonas Europaea</i> ," <i>Biochemical and Biophysical Research Communications</i> , March 15, 1989; p. 640-643, Vol. 159, No. 2.	
		OLDENHUIS ET AL., "Degradation of Chlorinated Aliphatic Hydrocarbons by <i>Methylosinus trichosporium</i> OB3b Expressing Soluble Methane Monooxygenase," <i>Applied and Environmental Microbiology</i> , November 1989; p. 2819-2826, Vol. 55, No. 11.	
		TSIEN ET AL., "Biodegradation of Trichloroethylene by <i>Methylosinus trichosporium</i> OB3b," <i>Applied and Environmental Microbiology</i> , December 1989; p. 3155-3161, Vol. 55, No. 12.	
		VANNELLI ET AL., "Degradation of Halogenated Aliphatic Compounds by the Ammonia-Oxidizing Bacterium <i>Nitrosomonas europaea</i> ," <i>Applied and Environmental Microbiology</i> , April 1990; p. 1169-1171, Vol. 56, No. 4.	
		FOLSOM ET AL. "Phenol and Trichloroethylene Degradation by <i>Pseudomonas cepacia</i> G4: Kinetics and Interactions Between Substrates," <i>Applied and Environmental Microbiology</i> , May 1990; p. 1279-1285, Vol. 56, No. 5.	

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		BROHOLM ET AL., "Toxicity of 1,1,1-Trichloroethane and Trichloroethene on a Mixed Culture of Methane-Oxidizing Bacteria", <i>Applied and Environmental Microbiology</i> , August 1990, p. 2488-2493, Vol. 56, No. 8.	
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		MAYMÓ-GATELL ET AL., "Reductive Dechlorination of Chlorinated Ethenes and 1, 2-Dichloroethane by ' <i>Dehalococcoides ethenogenes</i> ' 195," <i>Applied and Environmental Microbiology</i> , July 1999; p. 3108-3113, Vol. 65, No. 7.	
		HAMAMURA ET AL., "Diversity in Butane Monooxygenases Among Butane-Grown Bacteria," <i>Applied and Environmental Microbiology</i> , October 1999; p. 4586-4593, Vol. 65, No. 10.	

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		LÖFFLER ET AL., "16S rRNA Gene-Based Detection of Tetrachloroethene-Dechlorinating <i>Desulfuromonas</i> and <i>Dehalococcoides</i> Species," <i>Applied and Environmental Microbiology</i> , April 2000; p. 1369-1374, Vol. 66, No. 4.	
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		HAMAMURA ET AL., Chloroform Cometabolism by Butane-Grown CF8, <i>Pseudomonas butanovora</i> , and <i>Mycobacterium vaccae</i> JOB5 and Methane-Grown <i>Methylosinus trichosporium</i> OB3b, <i>Applied and Environmental Microbiology</i> , September 1997, pp 3607-3613, Vol. 63, No. 9.	
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		COATES ET AL., "Anaerobic Degradation of Polycyclic Aromatic Hydrocarbons and Alkanes in Petroleum-Contaminated Marine Harbor Sediments", <i>Applied and Environmental Microbiology</i> , September 1997, p. 3589-3593, Vol. 63, No. 9. [ABSTRACT]	
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		MIGUEZ ET AL., "Monitoring Methanotrophic Bacteria in Hybrid Anaerobic-Aerobic Reactors with PCR and a Catabolic Gene Probe", <i>Applied and Environmental Microbiology</i> , February 1999, p. 381-388, Vol. 65, No. 2. [ABSTRACT]	
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<b>INFORMATION DISCLOSURE</b>				Application Number	10/674,154
<b>STATEMENT BY APPLICANT</b>				Filing Date	September 29, 2003
(use as many sheets as necessary)				First Named Inventor	Felix A. Perriello
Sheet	8		10	Group Art Unit	1724
				Examiner Name	Chester T. Barry
				Attorney Docket Number	GLOB 63966

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		DOJKA ET AL., "Microbial Diversity in a Hydrocarbon- and Chlorinated-Solvent-Contaminated Aquifer Undergoing Intrinsic Bioremediation", <i>Applied and Environmental Microbiology</i> , October 1998, p. 3869-3877, Vol. 64, No. 10. [ABSTRACT]	
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		MADSEN ET AL., "Isolation and Characterization of an Anaerobic Chlorophenol-Transforming Bacterium", <i>Applied and Environmental Microbiology</i> , September 1992, p. 2874-2878, Vol. 58, No. 9. [ABSTRACT]	
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Sheet	9		10	Attorney Docket Number	GLOB 63966

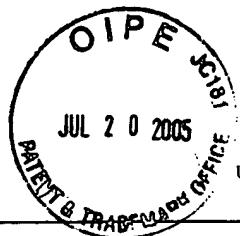
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		<a href="http://www.biobutane.com/may2000.htm">www.biobutane.com/may2000.htm</a> (downloaded on 11/18/02) dated 05/01/2000.	
		<a href="http://www.biobutane.com/march2000.htm">www.biobutane.com/march2000.htm</a> (downloaded on 11/18/02) dated 03/01/2000.	
		Global BioSciences, Inc. PowerPoint® brand audiovisual presentation (downloaded from web on 11/18/02) (undated).	
		Air & Waste Management Association Show New Products information sheet (posted June 25, 1999) at <a href="http://www.pollutionengineering.com/events/conferences/awma99/awmanp6.htm">www.pollutionengineering.com/events/conferences/awma99/awmanp6.htm</a> (downloaded 11/18/02).	
		WILSON ET AL., "Biological Treatment of Trichloroethylene and 1,1,1-Trichloroethane from Contaminated Air Streams", <i>Proceedings of Petroleum Hydrocarbons and Organic Chemicals in Ground Water: Prevention, Detection and Restoration</i> (The Westin Galleria, Houston, November 9-11, 1988), v2, pages 823-831, published 1989.	
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		CARY ET AL., "Mussel growth supported by methane as sole carbon and energy source", <i>Science</i> , 240:78-80, 1988.	
		SCHMIDT ET AL., "Gas hydrates and methane plumes at Hydrate Ridge", 13 pages, 2004.	

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